

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 13, lines 3-10, with the following paragraph:

A function having a finite range for an unbounded independent variable input is used to map the data set having infinite or very large extent onto the finite dimension B of the display 20. For example, the function may be  $\arctan z$ , where  $z$  takes on the values of the data points in the data set of infinite or very large extent. The range of the function  $\arctan z$  is between  $-\pi/2$  and  $+\pi/2$ ; thus, any value of  $z$  in the data set, no matter how large (or small), is mapped onto a finite range. Additional examples of functions having infinite limits include ~~are~~ arc  $\cot z$ ,  $\tanh z$ , and  $\sinh^{-1} z$ . Where specified in the embodiments below, the  $\arctan$  function will be used.